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P.2

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Inventor : Ulrich BENZLER  
Serial Number : 09/462,863  
Filing Date : 05/08/2000  
For : METHOD FOR GENERATING AN IMPROVED IMAGE SIGNAL WHEN  
ESTIMATING THE MOTION OF IMAGE SEQUENCES, IN  
PARTICULAR A PREDICTION SIGNAL FOR VIDEO IMAGES USING  
MOTION-COMPENSATING PREDICTION  
Examiner : AN, Shawn  
Art Group : 2613

**RECEIVED**

**JUN 04 2003**

**Technology Center 2600**

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Commissioner for Patents  
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Alexandria, VA 22313-1450

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Date: 5/29, 2003

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Signature: \_\_\_\_\_

Jong H. Lee

**RULE 116 RESPONSE**

SIR:

This Response addresses the final Office Action mailed March 12, 2003, and it is respectfully submitted that this response places the above-identified application in condition for allowance.

**REMARKS**

Claims 6-12 are pending in the present application.

Claims 6-10 and 12 stand rejected under 35 U.S.C. §103(a) as being unpatentable over "Hierarchical Motion Estimation Using The Phase Correlation Method In 140 Mbit/s HDTV-Coding" by Manfred Ziegler ("the Ziegler reference") in view of United States Patent No. 4,890,160 to Thomas ("the Thomas reference").

Claim 6 recites:

A method for generating an image signal when estimating a motion of image sequences, motion vectors indicating, for each picture block of a current image, a position of the picture block used for a prediction with respect to a chronologically preceding